


Tandberg SLR7

NEW!

In the newest tape drive of the SLR series, the SLR7, you will find an affordable, highly reliable, high performance/capacity solution for professional NT/UNIX workstations and entry level NetWare, NT and Windows 2000 small business server. The SLR7 provides future scalability and backward compatibility to the SLR5.



- Up to 40GB* with 21.6GB*/hr transfer rate
- 8MB buffer and in-line data compression
- Wide Ultra 2 / LVD/SE SCSI interface
- Added security with TapeAlert™
- Broad platform, operating system and 3rd party tape application support
- 5.25-inch half-height form factor for easy integration
- 3-year warranty
- Features advanced encoding technology 

New Milestone in Performance

The SLR7 tape drive offers new levels of performance in regards to, capacity, speed, reliability and value. Tandberg Data has developed and integrated several technology elements of the SLR family that combines the proven SLR cartridge technology and the VR² efficient encoding method providing maximum performance and reliability at minimum costs.

Reliability and Scalability

The SLR7 ensures extremely high reliability and scalability combined with future growth potential for all major

operating systems and PC platforms. Scale to 60 or 100GB with the SLR60 and SLR100 tape drives and up to 800GB or unattended storage with the SLR Autoloader.

Configurations

The SLR7 is available in a variety of value solutions meeting every users need. Complete turnkey solutions are available including award winning software ARCserve®2000 for Windows NT, Windows 2000 and Novell NetWare or as a drive kit including cable, media, cleaning cartridge and user guide (without software) as well as a standalone tape drive.

*Assuming 2:1 Data Compression

TANDBERG DATA 

TECHNICAL SPECIFICATIONS

DRIVE		Tandberg SLR7
Capacity (formatted)	Native/Compressed (typical)*:	20/40*GB
Buffer Size:		8MB
Data Transfer Rate	Native Sustained:	3.0MB/s
	Compressed Sustained*:	6.0MB/s (21.6GB/hr)
	Burst:	40MB/s ¹
File Access Time	Typical:	<89 sec
Media Load Time	Typical:	< 30 sec
System Interface:		SCSI-3, Multimode Wide Ultra (SE)/Ultra2 (LVD) ¹
Tape Alert Compliant:		YES
Drive Warranty:		3 Year Factory
Format, Compatibility and Media		
Recording Format:		SLR7
Encoding/Decoding:		VR ² RLL
Number of Tracks:		72 data tracks
Written bit density:		152.4 kfc
Write:		SLR7
Read:		SLR7, SLR5
Media:		SLRtape 7
Media Data Retention (Archival Life):		> 20 Years
Reliability and Error Correction		
Hard Read Error Rate:		< 10 ⁻¹⁶
Reed Solomon ECC:		Level 10, 8 interleaves
Mean Time Between Failure (MTBF)	Hours:	300 000 (20% duty cycle)
Mean Time To Repair (MTTR):		< 30 min
Tape Motion		
Tape Speed	Read/Write:	105.0 ips
	Wind/Rewind:	105.0 ips
Start/Stop Time (typical at 105.0 ips):		380 ms / 250 ms
Dimensions		Internal Drive External Drive
Form Factor:		— Internal 5.25-inch half height (HH) —
		Height: 1.732 in (44 mm) Height: 4.44 in (113 mm)
		Width: 5.905 in (150 mm) Width: 7.610 in (193 mm)
		Depth: 8.583 in (218 mm) Depth: 12.262 in (311mm)
		Weight: 2.4 lb (1.1kg) Weight: 9.02 lb (4.1kg)
Power Requirements (Typical)		Internal Drive External Drive
Power Consumption:	+5Vdc excl. bus terminator 1.5 / 1.2 A (sleep mode)	N/A
	+12Vdc motor not running 100 mA	N/A
	+12Vdc motor running 1.3 A	N/A
Standby:	7.2 W / Running: 23.1 W	N/A
	N/A 100 - 240 Vac / 0.6 - 0.3 A, 50 - 60 Hz	
Voltage Variations:	+5Vdc ± 5% including 125 mV max. ripple	N/A
	+12Vdc ± 10% including 200 mV max. ptp ripple	N/A
Environmental Specifications		
Temperature: Operating (Storage):	+5°C to +40°C/+41°F to +104°F ² (-30°C to +60°C/-22°F to +140°F)	
Relative Humidity: Operating (Transport):	20 to 80% (5 to 95%)	
Maximum Wet Bulb Temperature:	+26°C / +79°F	
Altitude – Feet (m):	Operating: 13 000 Feet (4 000 m); Transport: 40 000 Feet (12 200 m)	
Regulatory Agency Approvals:	UL 1950, CAN/CSA-C22.2 No 950, EN 60950, IEC 60950, AS/NZS 3548, EN 55022 (CISPR22) Class B, FCC part 15 Class B, ICES-003, VCCI, EN61000-3-2, EN61000-3-3, EN55024, CE, C-Tick..	
*Assuming 2:1 Data Compression. ¹ Burst transfer rate is limited to 40 MB/s (20 megatransfer), ² Internal drive ability to meet specifications is dependant on installation configuration.		

Specifications subject to change without notice. VR2 is a registered trademark of Overland Data. All other trademarks are the property of their respective owners. ©2001 Tandberg Data. All Rights reserved. 03.01 Version 2. P/N 432284-02.

TANDBERG SLR7 CONFIGURATIONS

Item	Drive Kit		Complete Solutions	
	Internal	External	Internal	External
CD Software Suite (<i>with instruction manual on CD</i>)			✓	✓
Internal SCSI Wide Cable with Termination (<i>removable</i>)	✓		✓	
External SCSI Cable		✓		✓
External SCSI Terminator (LVD/SE)		✓		✓
Data Cartridge (1 or 5)	✓	✓	✓	✓
Power Cable		✓		✓
Cleaning Cartridge	✓	✓	✓	✓

TANDBERG DATA SOLUTIONS

SLR7

Work Group Edition: ARCserve®2000 for

Windows 2000, NT and Netware



Other operating system support:

Sun Solaris, AIX, SCO-Unix, UnixWare, UNIX,

HP-UX, Linux

OS

Macintosh, Windows 98, NT Workstation



• = Complete solution available.

OS = Supported in operating system.

■ = Support available through other software.



OEM ASSURANCE

The world's largest providers of PC-servers, Workstations and Midrange Systems (Compaq, IBM, Sun, Fujitsu-Siemens) have chosen Tandberg SLR products for their outstanding price-performance, scalability, and reliability.

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